

**Base Year Modification Request Certification****Part 1: Generation Study - No Extrapolation Diversion Data**

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board  
Office of Local Assistance  
1001 I Street, 9th Floor  
PO Box 4025  
Sacramento, CA 95812-4025

**General Instructions:**

Please select the **ONE** choice below that best explains your request to the Board.

☐ 1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.


☒ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The cells on these sheets are protected except for the ones that need information. If you have problems using these sheets, please contact your Office of Local Assistance representative.

**Section I: Jurisdiction Information and Certification**

*All respondents must complete this section.*

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name Moorpark		County Ventura	
Authorized Signature 		Title Senior Management Analyst	
Type/Print Name of Person Signing John Brand		Date 1-31-02	Phone ( ) 805-517-6248
Person Completing This Form (please print or type) Phil Perkins		Title	
Affiliation: EcoTelesis International, Inc.			
Mailing Address 799 Moorpark Avenue		City Moorpark	State CA
		ZIP Code 93021	
E-mail address Jbrand@ci.moorpark.ca.us			

**Base Year Modification Request Certification****Part 1: Generation Study - No Extrapolation Diversion Data**

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

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<b>Section I: Jurisdiction Information and Certification</b>			
<i>All respondents must complete this section.</i>			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name <b>City of Moorpark</b>		County <b>Ventura</b>	
Authorized Signature		Title <b>Senior Management Analyst</b>	
Type/Print Name of Person Signing <b>John A. Brand, Jr.</b>	Date	Phone ( ) Include Area Code <b>(805) 517-6248</b>	
Person Completing This Form (please print or type) <b>Phil Perkins</b>		Title	
Affiliation: <b>EcoTelesis International</b>			
Mailing Address <b>799 N. Moorpark Avenue</b>		City <b>Moorpark</b>	State <b>CA</b>
		ZIP Code <b>93021</b>	
E-Mail Address <b>jbrand@ci.moorpark.ca.us</b>			

**Section II: Information for New Generation-Based Study for Existing or New Base Year**

**Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").**

*Note: New base years must be representative of a jurisdiction's disposal and diversion.*

**1. Current Board-approved existing base year:**

1990

**2. Proposed new generation-based study year:**

2000

**3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:**

The new generation number reflects the current diversion practices in the year 2000.

**4. Enter diversion rate information below.**

**Diversion rate calculated using existing base year**

**a. 27 %**

**Diversion rate calculated using new generation-based study**

**b. 56 %**

**For existing base year pounds/person/day based on generation**

7

**For new generation based study pounds/person/day based on generation**

13.76

**Residential generation 41 % Non-Residential generation 59 %**

**Residential generation 38% % Non-Residential generation 62% %**

**Population existing generation-based study 25,494**

**Population new generation-based study 29,750**

**5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).**

The increase in diversion rate from 4a (27%) to 4b (56%) is due to better documentaion of the community's response to the City of Moorpark's integrated waste management programs, the implementation of the City's SRRE, and the state of California's efforts to encourage everyone to reduce, resue, recycle and rebuy.

The pounds per person per day changed from 7 to 13.76 due to the fact that this base year study includes well-documented disposal and diversion activity. Diversion increased greater than disposal as a result of implementation of the City's SRRE.

**6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)**

The City works with local businesses to encourage waste reduction and recycling. The City also uses grasscycling, a business waste reduction program, developers must submit recycling plans prior to approval of building permits, residential curbside recycling and greenwaste at no additional charge, drop-off sites for all types of recyclables and appliances, free landfill days on certain days, construction and demolition material recycling is incorporated into developers planning through the City Hall. The City makes widely known the diversion opportunities that exist for residential and commercial generators.

<b>7. Disposal Tonnage (enter values):</b>	10191	21798	31989
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☒ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at [www.ciwm.ca.gov/LGCentral/Forms/rytnmdrq.doc](http://www.ciwm.ca.gov/LGCentral/Forms/rytnmdrq.doc))

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at [www.ciwm.ca.gov/LGCentral/Forms/rytnmdrq.doc](http://www.ciwm.ca.gov/LGCentral/Forms/rytnmdrq.doc))

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. **Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.** Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt], white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

\*Please provide detailed Non-Residential waste information in Section 9.

**Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.**

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwm.ca.gov/LGCentral/Parts/Codes/Reduce.htm">www.ciwm.ca.gov/LGCentral/Parts/Codes/Reduce.htm</a>					
<b>Residential Source Reduction Activities</b>					
Backyard composting	71	0.1%	Grass, leaves, food, yard waste		City survey, City Hall, Document binder tab 200 (front)
Grasscycling		0.0%			
<b>Other Residential Source Reduction (list each program separately)</b>					
		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
<b>Subtotal, Residential Source Reduction</b>	71	0.1%			
<b>Residential Recycling Activities</b>					
Curbside Recycling	6683	9.2%	CRV cans and bottles	Actual Weight	DOC report, Document Binder tab 400 (front)
Buyback Centers	61	0.1%	CRV cans and bottles	Actual Weight	DOC report, Document Binder tab 400 (back)
Drop-off Centers					

Diversion Activity	Actual Tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmib.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmib.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>					
<b>Other Residential Recycling (list each program separately)</b>					
2000-RC-CRB Residential Recycling - not including CRV	3721	5.1%	Cardboard and non-CRV items	Actual Weight	Hauler Reports - City Hall, Document binder tab 502
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	10465	14.5%			
<b>Residential Composting Activities</b>					
Green Waste Drop-off					
Curbside Green Waste	2350	3.2%	Yard trimmings, Green material	Actual Weight from haulers and Calabassas self haul from DRS, less ADC from DRS	Hauler Reports, City Hall, Document binder tab 502
Christmas Tree Program			Included in above		
<b>Other Residential Composting (list each program separately)</b>					
3010-CM-RSG Residential self-haul	3536	4.9%	Yard trimmings, Green material	Actual Weight	Process and Sold by CALWOOD, Document binder tab 301
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	5888	8.1%			
Subtotal, Residential Diversion	16422	22.7%			
<b>Non-Residential Source Reduction Activities:</b>					
Non-Residential Waste Audits*	220	0.3%	See Section 9	See Section 9	See Section 9
<b>Other Non-Residential Source Reduction (list each program separately)</b>					
3080-CM-GOV Govt Composting	159	0.2%			
Enter Program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	379	0.5%			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (If any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmh.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmh.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>					
<b>Recycling</b>					
Non-Residential Waste Audits*	4033	5.6%	See Section 9	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)					
2030-RC-OSP Commercial On-Site Pickup	1685	2.3%	Cardboard and non-CRV Items	Actual Weight	Combined Haulers Annual Summary Document Binder tab 502
3020-CM-COG Commercial On-Site Greenwaste Pick-Up	295	0.4%	Landscaping yard trimmings, Green material	Actual Weight collected by haulers	Combined Haulers Annual Summary Document Binder tab 502
3030-CM-CSG Commercial Self-Haul Greenwaste	454	0.6%	Landscaping yard trimmings, Green material	Commercial Landscaper survey	Landscape Contractor survey of Non DSR green waste facilities conducted by City. Document Binder tab 603
Enter program name					
Enter program name					
<b>Subtotal Non-Residential Recycling</b>	<b>6487</b>	<b>8.9%</b>			
<b>Non-Residential Composting Activities</b>					
Non-Residential Waste Audits*	13	0.0%	See Section 9	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)					
3070-CM-OTH Other Composting	5857	8.1%	Grass Trimmings	6.5 tons/acre/year	West Coast Arborists report, MUSD, College. Document Binder tab 202B
3080-CM-GOV Govt Composting	59	0.1%	shredded prunings	575 lbs/cubic yard	West Coast Arborists report. Document Binder 202B
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Non-Residential Composting</b>	<b>5929</b>	<b>8.2%</b>			
<b>Subtotal Non-Residential Diversion Residential/Non-Residential</b>	<b>12775</b>	<b>17.6%</b>			
<b>Diversion Activities</b>					
ADC	1573	2.2%			
Sludge					
Scrap Metal					
Construction and Demolition	9634	13.3%	Concrete and asphalt per Ventura County survey	Actual weight	Ventura County SW Dept., Document Binder tab 300, and Simi Valley Base Customer List.
Landfill Salvage					
<b>Subtotal Residential/Non-Residential Diversion</b>	<b>11207</b>	<b>15.5%</b>			
<b>Total Res/Non-Res Source Reduction Tons</b>	<b>450</b>	<b>0.6%</b>			
<b>Total Diversion Tons</b>	<b>40404</b>	<b>55.8%</b>			
<b>Total Disposal Tons from Sec.7</b>	<b>31989</b>	<b>44.2%</b>			
<b>Total Generation Tons (Div+Dis)</b>	<b>72393</b>				

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwrmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwrmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Diversion Rate</b>	<b>58%</b>				



# 9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Table will perform all addition calculations).

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, glass recycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
5411 - Grocery Stores	A2	Recycling uncoated corrugated cardboard, food recycling, food composting, pallets recycling, film plastic recycling, composting pruning & trimmings		424	420	844.6	1.2%	
3900- Misc. Manufacturing Industries	A4	Recycle office paper, materials exchange wood pallets, reuse wood pallets, recycling uncoated corrugated cardboard		404		404	0.6%	
5812 - Eating Places	C2	Recycling food, recycling uncoated corrugated cardboard		13		12.75	0.0%	
5900- Miscellaneous Retail	K1	Scavenging wood pallets		21		20.86	0.0%	
5331 - Variety Store	K3	Materials exchange wood pallets, recycling uncoated corrugated cardboard	21	209		229.427	0.3%	
5912- Drug Stores and Proprietary Stores	L6	materials exchange wood pallets, recycling uncoated corrugated cardboard, source reduction uncoated corrugated cardboard	3	128		130.56	0.2%	
5800- Eating and Drinking Places	L7	Recycling food		27		26.72	0.0%	
5812- Eating Places	M5	Recycling uncoated corrugated cardboard, recycling food		17		17.22	0.0%	
7300- Business services	T3	Recycling other office paper		43		43	0.1%	
3900- Misc. Manufacturing Industries	W1	Recycling other office paper, film plastic recycling, recycling remainder/composite organic, recycling other non-ferrous metals new/expanded only		1456		1456.18	2.0%	
<b>Totals</b>			<b>23.667</b>	<b>2741.44</b>	<b>420.21</b>	<b>3185.317</b>	<b>4.4%</b>	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.



Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

**Note:** program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.").

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Inert Solids	Construction and Debris materials diversion	1998	9634
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2])). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

**Note:** If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information. \_\_\_\_\_ (Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				

Referen	SIC - Business Type	Activity Description	Source Reduction lbs	Recycling lbs	Composting lbs	Material Type	Conversion Factor	Source	Diversion Tons	Show Calculations
<b>All Sites</b>										
A1	5900-Miscellaneous retail	Reuse Remainder/composite plastic	15.00			Plastic	2.5lbs/unit	USEPA	0.01	(* Toner cartridge each=2.5) X 2.5lbs/unit X 6units/yr X 1 = 15 lb/yr
A2	5411-Grocery Stores	Recycling Uncoated corrugated cardboard		584,000.00		Paper	1lbs/unit		292.00	(* Pounds=1) X 1lbs/unit X 11200units/wk X 52.1428571428571 = 584000 lb/yr
A2	5411-Grocery Stores	Recycling Plastic pallets		260,714.29		Pallets	40lbs/unit	USEPA	130.36	(* Plastic, pallet, 48" x 48" each=40) X 40lbs/unit X 125units/wk X 52.1428571428571 = 260714.285714286 lb/yr
A2	5411-Grocery Stores	Composting Food			26,001.42	Organic	1443lbs/unit	Tellus	13.00	(* Produce waste, mixed, loose 1 cubic yard=1443) X 1443lbs/unit X 18.019units/yr X 1 = 26001.417 lb/yr
A2	5411-Grocery Stores	Recycling Food		2,607.14		Organic	1lbs/unit		1.30	(* Pounds=1) X 1lbs/unit X 50units/wk X 52.1428571428571 = 2607.14285714286 lb/yr
A2	5411-Grocery Stores	Recycling Film plastic		1,460.00		Plastic	1lbs/unit		0.73	(* Pounds=1) X 1lbs/unit X 28units/wk X 52.1428571428571 = 1460 lb/yr
A2	5411-Grocery Stores	Composting Prunings and trimmings			420.21	Organic	46.69lbs/unit	Tellus	0.21	(* Prunings, green 1 cubic yard=46.69) X 46.69lbs/unit X 9units/yr X 1 = 420.21 lb/yr
A3	5812-Eating places	Recycling Other		-		Other	1lbs/unit		-	
A4	3900-Miscellaneous manufacturing industries	Recycling Uncoated corrugated cardboard		766,500.00		Paper	1lbs/unit		383.25	(* Pounds=1) X 1lbs/unit X 14700units/wk X 52.1428571428571 = 766500 lb/yr
A4	3900-Miscellaneous manufacturing industries	Material exchange Wood pallets	234,642.86			Pallets	40lbs/unit/5	USEPA	117.32	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 562.5units/wk X 52.1428571428571 = 234642.857142857 lb/yr
A4	3900-Miscellaneous manufacturing industries	Reuse Wood pallets	78,214.29			Pallets	40lbs/unit/5	USEPA	39.11	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 187.5units/wk X 52.1428571428571 = 78214.2857142857 lb/yr
A4	3900-Miscellaneous manufacturing industries	Recycling Other office paper		42,109.36		Paper	363.51lbs/unit	CIWMB De	21.05	(* High Grade Ledger w/o CPO loose 1 cubic yard=363.51) X 363.51lbs/unit X 115.841units/yr X 1 = 42109.36191 lb/yr
A5	5000-Wholesale trade-durable goods	Recycling Other		-		Other	1lbs/unit		-	
A6	5531-Auto and Home Supply Stores	Recycling Uncoated corrugated cardboard		5,222.63		Paper	50.08lbs/unit	Tellus	2.61	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 2units/wk X 52.1428571428571 = 5222.62857142857 lb/yr
A6	5531-Auto and Home Supply Stores	Material exchange Wood pallets	1,344.00			Pallets	40lbs/unit/5	USEPA	0.67	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 14units/mo X 12 = 1344 lb/yr
AA1	5411-Grocery Stores	Material exchange Wood pallets	5,005.71			Pallets	40lbs/unit/5	USEPA	2.50	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 12units/wk X 52.1428571428571 = 5005.71428571429 lb/yr
AA2	5311-Department Stores	Recycling Wood pallets		6,257.14		Pallets	40lbs/unit	USEPA	3.13	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 3units/wk X 52.1428571428571 = 6257.14285714286 lb/yr
B1	5411-Grocery Stores	Recycling Uncoated corrugated cardboard		5,222.63		Paper	50.08lbs/unit	Tellus	2.61	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 2units/wk X 52.1428571428571 = 5222.62857142857 lb/yr
B2	3600-Electronic & other electric equipment	Recycling Uncoated corrugated cardboard		860.36		Paper	2.2lbs/unit	USEPA	0.43	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 7.5units/wk X 52.1428571428571 = 860.357142857143 lb/yr

Referent	SIC - Business Type	Activity Description	Source Reduction lbs	Recycling lbs	Composting lbs	Material Type	Conversion Factor	Source	Diversion Tons	Show Calculations
B3	5451-Dairy Products Stores	Recycling Uncoated corrugated cardboard		3,441.43		Paper	2.2lbs/unit	USEPA	1.72	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 30units/wk X 52.1428571428571 = 3441.42857142857 lb/yr
B4	5411-Grocery Stores	Recycling Uncoated corrugated cardboard		7,833.94		Paper	50.08lbs/unit	Tellus	3.92	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 3units/wk X 52.1428571428571 = 7833.94285714286 lb/yr
B5	5812-Eating places	Recycling Other		-		Other	1lbs/unit		-	
B6	5812-Eating places	Recycling Uncoated corrugated cardboard		13,056.57		Paper	50.08lbs/unit	Tellus	6.53	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 5units/wk X 52.1428571428571 = 13056.5714285714 lb/yr
B6	5812-Eating places	Recycling Food		9,685.00		Organic	7.45lbs/unit	USEPA	4.84	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 1300units/yr X 1 = 9685 lb/yr
B7	5800-Eating and drinking places	Recycling Other		-		Other	1lbs/unit		-	
C1	5812-Eating places	Recycling Other		-		Other	1lbs/unit		-	
C2	5812-Eating places	Recycling Uncoated corrugated cardboard		15,667.89		Paper	50.08lbs/unit	Tellus	7.83	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 6units/wk X 52.1428571428571 = 15667.8857142857 lb/yr
C2	5812-Eating places	Recycling Food		9,840.00		Organic	410lbs/unit	USEPA	4.92	(* Fats, solid/liquid (cooking oil) 55 gallon drum=410) X 410lbs/unit X 2units/mo X 12 = 9840 lb/yr
C3	5541-Gasoline Service Stations	Recycling Other		-		Other	1lbs/unit		-	
C4	5812-Eating places	Recycling Uncoated corrugated cardboard		7,833.94		Paper	50.08lbs/unit	Tellus	3.92	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 3units/wk X 52.1428571428571 = 7833.94285714286 lb/yr
C4	5812-Eating places	Recycling Food		3,884.64		Organic	7.45lbs/unit	USEPA	1.94	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 10units/wk X 52.1428571428571 = 3884.64285714286 lb/yr
C5	5461-Retail Bakeries	Recycling Other		-		Other	1lbs/unit		-	
D1	3600-Electronic & other electric equipment	Reuse Uncoated corrugated cardboard	2,294.29			Paper	2.2lbs/unit	USEPA	1.15	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 20units/wk X 52.1428571428571 = 2294.28571428571 lb/yr
D2	7500-Auto repair, services, and parking	Recycling Uncoated corrugated cardboard		5,214.29		Paper	50lbs/unit	USEPA	2.61	(* OCC, stacked 1 cubic yard=50) X 50lbs/unit X 2units/wk X 52.1428571428571 = 5214.28571428571 lb/yr
D2	7500-Auto repair, services, and parking	Recycling Office white ledger		1,303.57		Paper	5lbs/unit	USEPA	0.65	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 5units/wk X 52.1428571428571 = 1303.57142857143 lb/yr
D3	5461-Retail Bakeries	Recycling Other		-		Other	1lbs/unit		-	
E1	5812-Eating places	Recycling Other		-		Other	1lbs/unit		-	
E2	5812-Eating places	Recycling Uncoated corrugated cardboard		10,445.26		Paper	50.08lbs/unit	Tellus	5.22	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 4units/wk X 52.1428571428571 = 10445.2571428571 lb/yr
E2	5812-Eating places	Recycling Food		5,210.87		Organic	1595lbs/unit	UCLA /et	2.61	( Fat, grease 1 cubic yard=1595) X 1595lbs/unit X 3.267units/yr X 1 = 5210.865 lb/yr
E3	5812-Eating places	Recycling Other		-		Other	1lbs/unit		-	
E4	5812-Eating places	Recycling Other		-		Other	1lbs/unit		-	
E5	5500-Automotive dealers & service stations	Recycling Other		-		Other	1lbs/unit		-	
F1	5651-Family Clothing Stores	Reuse Textiles	1,564.29			Organic	30lbs/unit	LA Co 11.9	0.78	( Clothing, used, mixed charity donations 33 gallon hefty bag=30) X 30lbs/unit X 1units/wk X 52.1428571428571 = 1564.28571428571 lb/yr

Referent	SIC - Business Type	Activity Description	Source Reduction lbs	Recycling lbs	Composting lbs	Material Type	Conversion Factor	Source	Diversion Tons	Show Calculations
F1	5651-Family Clothing Stores	Recycling Uncoated corrugated cardboard		1,147.14		Paper	2.2lbs/unit	USEPA	0.57	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 10units/wk X 52.1428571428571 = 1147.14285714286 lb/yr
F2	5999-Miscellaneous retail stores, n.e.c.	Recycling Other		-		Other	1lbs/unit		-	
F3	7216-Drycleaning plants, except rug	Recycling Other		-		Other	1lbs/unit		-	
F4	5800-Eating and drinking places	Recycling Other		-		Other	1lbs/unit		-	
F5	5900-Miscellaneous retail	Recycling Other		-		Other	1lbs/unit		-	
G1	7841-Video Tape Rental	Recycling Other		-		Other	1lbs/unit		-	
G2	5499-Miscellaneous Food Stores	Recycling Uncoated corrugated cardboard		458.86		Paper	2.2lbs/unit	USEPA	0.23	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 4units/wk X 52.1428571428571 = 458.857142857143 lb/yr
G3	5932-Used Merchandise Stores	Reuse Textiles	6,750.00			Organic	225lbs/unit	Tellus	3.38	(* Clothing, used, mixed cubic yard=225) X 225lbs/unit X 2.5units/mo X 12 = 6750 lb/yr
G3	5932-Used Merchandise Stores	Recycling Other ferrous metals new/expanded only		1,680.00		Metal	0.14lbs/unit	CIWMB	0.84	(* Hanger (adult) each=0.14) X 0.14lbs/unit X 1000units/mo X 12 = 1680 lb/yr
G3	5932-Used Merchandise Stores	Reuse Bulky items	600.00			Special Wa	1lbs/unit		0.30	(* Pounds=1) X 1lbs/unit X 50units/mo X 12 = 600 lb/yr
G3	5932-Used Merchandise Stores	Recycling E-Waste primarily plastic		360.00		E-Waste	30lbs/unit	BUG	0.18	( Computer monitor each=30) X 30lbs/unit X 1units/mo X 12 = 360 lb/yr
H1	5411-Grocery Stores	Recycling Uncoated corrugated cardboard		7,833.94		Paper	50.08lbs/unit	Tellus	3.92	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 3units/wk X 52.1428571428571 = 7833.94285714286 lb/yr
H2	5992-Florists	Recycling Prunings and trimmings		360.45		Organic	46.69lbs/unit	Tellus	0.18	(* Prunings, green 1 cubic yard=46.69) X 46.69lbs/unit X 7.72units/yr X 1 = 360.4468 lb/yr
H3	5812-Eating places	Recycling Food		1,942.32		Organic	7.45lbs/unit	USEPA	0.97	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 5units/wk X 52.1428571428571 = 1942.32142857143 lb/yr
H4	7841-Video Tape Rental	Recycling Other		-		Other	1lbs/unit		-	
I1	5999-Miscellaneous retail stores, n.e.c.	Recycling Other office paper		2,432.97		Paper	363.51lbs/unit	CIWMB De	1.22	(* High Grade Ledger w/o CPO loose 1 cubic yard=363.51) X 363.51lbs/unit X 6.693units/yr X 1 = 2432.97243 lb/yr
I1	5999-Miscellaneous retail stores, n.e.c.	Recycling Uncoated corrugated cardboard		2,085.71		Paper	4lbs/unit	USEPA	1.04	(* OCC, box, large 48"x48"x60" each=4) X 4lbs/unit X 10units/wk X 52.1428571428571 = 2085.71428571429 lb/yr
I1	5999-Miscellaneous retail stores, n.e.c.	Recycling Film plastic		148.88		Plastic	75.96lbs/unit	Tellus	0.07	(* HDPE Film plastics, semi-compacted 1 cubic yard=75.96) X 75.96lbs/unit X 1.96units/yr X 1 = 148.8816 lb/yr
J1	5461-Retail Bakeries	Recycling Uncoated corrugated cardboard		264.00		Paper	2.2lbs/unit	USEPA	0.13	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 10units/mo X 12 = 264 lb/yr
J1	5461-Retail Bakeries	Recycling Other office paper		107.96		Paper	363.51lbs/unit	CIWMB De	0.05	(* High Grade Ledger w/o CPO loose 1 cubic yard=363.51) X 363.51lbs/unit X 0.297units/yr X 1 = 107.96247 lb/yr
K1	5900-Miscellaneous retail	Scavenging Wood pallets		41,714.29		Pallets	40lbs/unit	USEPA	20.86	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 20units/wk X 52.1428571428571 = 41714.2857142857 lb/yr
K2	7334-Photocopying & duplicating services	Recycling Other office paper		9,264.05		Paper	363.51lbs/unit	CIWMB De	4.63	(* High Grade Ledger w/o CPO loose 1 cubic yard=363.51) X 363.51lbs/unit X 25.485units/yr X 1 = 9264.05235 lb/yr
K2	7334-Photocopying & duplicating services	Recycling Uncoated corrugated cardboard		2,640.00		Paper	2.2lbs/unit	USEPA	1.32	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 100units/mo X 12 = 2640 lb/yr

Referent	SIC - Business Type	Activity Description	Source Reduction lbs	Recycling lbs	Composting lbs	Material Type	Conversion Factor	Source	Diversions Tons	Show Calculations
K2	7334-Photocopying & duplicating services	Reuse Remainder/composite plastic	540.00			Plastic	2.5lbs/unit	USEPA	0.27	(* Toner cartridge each=2.5) X 2.5lbs/unit X 18units/mo X 12 = 540 lb/yr
K2	7334-Photocopying & duplicating services	Material exchange Wood pallets	288.00			Pallets	40lbs/unit/5	USEPA	0.14	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 3units/mo X 12 = 288 lb/yr
K3	5331-Variety Stores	Recycling Uncoated corrugated cardboard		417,142.86		Paper	1lbs/unit		208.57	(* Pounds=1) X 1lbs/unit X 8000units/wk X 52.1428571428571 = 417142.857142857 lb/yr
K3	5331-Variety Stores	Material exchange Wood pallets	41,714.29			Pallets	40lbs/unit/5	USEPA	20.86	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 100units/wk X 52.1428571428571 = 41714.2857142857 lb/yr
L1	5461-Retail Bakeries	Material exchange Wood pallets	2,502.86			Pallets	40lbs/unit/5	USEPA	1.25	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 6units/wk X 52.1428571428571 = 2502.85714285714 lb/yr
L2	5812-Eating places	Recycling Other		-		Other	1lbs/unit		-	
L3	5812-Eating places	Recycling Food		1,639.00		Organic	7.45lbs/unit	USEPA	0.82	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 220units/yr X 1 = 1639 lb/yr
L4	5651-Family Clothing Stores	Recycling Other		-		Other	1lbs/unit		-	
L5	5943-Stationery stores	Recycling Uncoated corrugated cardboard		2,611.31		Paper	50.08lbs/unit	Tellus	1.31	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 1units/wk X 52.1428571428571 = 2611.31428571429 lb/yr
L6	5912-Drug Stores and Proprietary Stores	Recycling Uncoated corrugated cardboard		255,500.00		Paper	1lbs/unit		127.75	(* Pounds=1) X 1lbs/unit X 4900units/wk X 52.1428571428571 = 255500 lb/yr
L6	5912-Drug Stores and Proprietary Stores	Source reduction Uncoated corrugated cardboard	3,128.57			Paper	4lbs/unit	USEPA	1.56	(* OCC, box, large 48"x48"x60" each=4) X 4lbs/unit X 15units/wk X 52.1428571428571 = 3128.57142857143 lb/yr
L6	5912-Drug Stores and Proprietary Stores	Material exchange Wood pallets	2,502.86			Pallets	40lbs/unit/5	USEPA	1.25	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 6units/wk X 52.1428571428571 = 2502.85714285714 lb/yr
L7	5800-Eating and drinking places	Recycling Food		53,446.43		Organic	410lbs/unit	USEPA	26.72	(* Fats, solid/liquid (cooking oil) 55 gallon drum=410) X 410lbs/unit X 2.5units/wk X 52.1428571428571 = 53446.4285714286 lb/yr
M1	8900-Services, n.e.c.	Recycling Other		-		Other	1lbs/unit		-	
M10	7216-Drycleaning plants, except rug	Recycling Durable plastic items		228.00		Plastic	1.9lbs/unit	USEPA	0.11	(* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 10units/mo X 12 = 228 lb/yr
M11	5921-Liquor Stores	Recycling Uncoated corrugated cardboard		2,611.31		Paper	50.08lbs/unit	Tellus	1.31	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 1units/wk X 52.1428571428571 = 2611.31428571429 lb/yr
M11	5921-Liquor Stores	Recycling Newspaper		1,825.00		Paper	35lbs/unit	USEPA	0.91	(* Newspapers 12" stack=35) X 35lbs/unit X 1units/wk X 52.1428571428571 = 1825 lb/yr
M12	5943-Stationery stores	Recycling Other		-		Other	1lbs/unit		-	
M13	5431-Fruit and Vegetable Markets	Recycling Uncoated corrugated cardboard		7,833.94		Paper	50.08lbs/unit	Tellus	3.92	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 3units/wk X 52.1428571428571 = 7833.94285714286 lb/yr
M13	5431-Fruit and Vegetable Markets	Source reduction Uncoated corrugated cardboard	1,147.14			Paper	1.1lbs/unit	USEPA	0.57	(* OCC, box, small 12"x12"x15" each=1.1) X 1.1lbs/unit X 20units/wk X 52.1428571428571 = 1147.14285714286 lb/yr
M14	5541-Gasoline Service Stations	Material exchange Wood pallets	5,422.86			Pallets	40lbs/unit/5	USEPA	2.71	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 13units/wk X 52.1428571428571 = 5422.85714285714 lb/yr
M2	7389-Business services, n.e.c.	Recycling Other office paper		200.74		Paper	10.01lbs/unit	USEPA	0.10	(* Office Paper (white, color, CPO, junk mail) 13 gallon=10.01) X 10.01lbs/unit X 0.3846units/wk X 52.1428571428571 = 200.74197 lb/yr

Referen	SIC - Business Type	Activity Description	Source Reduction lbs	Recycling lbs	Composting lbs	Material Type	Conversion Factor	Source	Diversion Tons	Show Calculations
M2	7389-Business services, n.e.c.	Recycling Remainder/composite plastic		-		Plastic	2.5lbs/unit	USEPA	-	
M3	5812-Eating places	Recycling Uncoated corrugated cardboard		7,833.94		Paper	50.08lbs/unit	Tellus	3.92	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 3units/wk X 52.1428571428571 = 7833.94285714286 lb/yr
M3	5812-Eating places	Material exchange Wood pallets	4,171.43			Pallets	40lbs/unit/5	USEPA	2.09	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 10units/wk X 52.1428571428571 = 4171.42857142857 lb/yr
M4	5411-Grocery Stores	Recycling Uncoated corrugated cardboard		10,445.26		Paper	50.08lbs/unit	Tellus	5.22	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 4units/wk X 52.1428571428571 = 10445.2571428571 lb/yr
M4	5411-Grocery Stores	Reuse Wood pallets	1,460.00			Pallets	40lbs/unit/5	USEPA	0.73	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 3.5units/wk X 52.1428571428571 = 1460 lb/yr
M5	5812-Eating places	Recycling Uncoated corrugated cardboard		15,667.89		Paper	50.08lbs/unit	Tellus	7.83	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 6units/wk X 52.1428571428571 = 15667.8857142857 lb/yr
M5	5812-Eating places	Recycling Food		9,840.00		Organic	410lbs/unit	USEPA	4.92	(* Fats, solid/liquid (cooking oil) 55 gallon drum=410) X 410lbs/unit X 2units/mo X 12 = 9840 lb/yr
M5	5812-Eating places	Recycling Food		8,940.00		Organic	7.45lbs/unit	USEPA	4.47	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 100units/mo X 12 = 8940 lb/yr
M6	5541-Gasoline Service Stations	Material exchange Other ferrous metals new/expanded only	360.00			Metal	30lbs/unit		0.18	( 55 gallon drums, metal each=30) X 30lbs/unit X 1units/mo X 12 = 360 lb/yr
M7	5411-Grocery Stores	Recycling Uncoated corrugated cardboard		20,890.51		Paper	50.08lbs/unit	Tellus	10.45	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 8units/wk X 52.1428571428571 = 20890.5142857143 lb/yr
M7	5411-Grocery Stores	Material exchange Wood pallets	1,668.57			Pallets	40lbs/unit/5	USEPA	0.83	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 4units/wk X 52.1428571428571 = 1668.57142857143 lb/yr
M8	5411-Grocery Stores	Recycling Uncoated corrugated cardboard		7,833.94		Paper	50.08lbs/unit	Tellus	3.92	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 3units/wk X 52.1428571428571 = 7833.94285714286 lb/yr
M8	5411-Grocery Stores	Recycling Food		4,470.00		Organic	7.45lbs/unit	USEPA	2.24	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 600units/yr X 1 = 4470 lb/yr
M8	5411-Grocery Stores	Material exchange Wood pallets	4,171.43			Pallets	40lbs/unit/5	USEPA	2.09	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 10units/wk X 52.1428571428571 = 4171.42857142857 lb/yr
M9	8641-Civic, Social and Fraternal Associations	Recycling Other		-		Other	1lbs/unit		-	
N1	5531-Auto and Home Supply Stores	Recycling Uncoated corrugated cardboard		5.94		Paper	0.99lbs/unit	USEPA co	0.00	(* OCC, beverage case 4 six-packs size full case or tray (too heavy for tray)=0.99) X 0.99lbs/unit X 0.5units/mo X 12 = 5.94 lb/yr
O1	5000-Wholesale trade-durable goods	Reuse Uncoated corrugated cardboard	5,735.71			Paper	2.2lbs/unit	USEPA	2.87	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 50units/wk X 52.1428571428571 = 5735.71428571429 lb/yr
O1	5000-Wholesale trade-durable goods	Recycling Magazines and catalogs		521.43		Paper	1lbs/unit	USEPA	0.26	(* Catalogs 100 pages ledger=1) X 1lbs/unit X 10units/wk X 52.1428571428571 = 521.428571428571 lb/yr
O1	5000-Wholesale trade-durable goods	Recycling Office white ledger		260.71		Paper	5lbs/unit	USEPA	0.13	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 1units/wk X 52.1428571428571 = 260.714285714286 lb/yr
O1	5000-Wholesale trade-durable goods	Reuse Other miscellaneous paper	260.71			Paper	1lbs/unit		0.13	(* Pounds=1) X 1lbs/unit X 5units/wk X 52.1428571428571 = 260.714285714286 lb/yr



Referent	SIC - Business Type	Activity Description	Source Reduction lbs	Recycling lbs	Composting lbs	Material Type	Conversion Factor	Source	Diversion Tons	Show Calculations
O1	5000-Wholesale trade-durable goods	Scavenging Uncoated corrugated cardboard		192.00		Paper	4lbs/unit	USEPA	0.10	(* OCC, box, large 48"x48"x60" each=4) X 4lbs/unit X 4units/mo X 12 = 192 lb/yr
O2	5932-Used Merchandise Stores	Recycling Textiles		4,800.00		Organic	1lbs/unit		2.40	(* Pounds=1) X 1lbs/unit X 400units/mo X 12 = 4800 lb/yr
O2	5932-Used Merchandise Stores	Reuse Uncoated corrugated cardboard	600.96			Paper	50.08lbs/unit	Tellus	0.30	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 1units/mo X 12 = 600.96 lb/yr
O2	5932-Used Merchandise Stores	Reuse Durable plastic items	336.00			Plastic	1lbs/unit		0.17	(* Pounds=1) X 1lbs/unit X 336units/yr X 1 = 336 lb/yr
O3	7300-Business services	Reuse Uncoated corrugated cardboard	114.71			Paper	2.2lbs/unit	USEPA	0.06	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 1units/wk X 52.1428571428571 = 114.714285714286 lb/yr
O3	7300-Business services	Reuse Remainder/composite plastic	50.00			Plastic	2.5lbs/unit	USEPA	0.03	(* Toner cartridge each=2.5) X 2.5lbs/unit X 20units/yr X 1 = 50 lb/yr
P1	5651-Family Clothing Stores	Recycling Other		-		Other	1lbs/unit		-	
P2	5461-Retail Bakeries	Recycling Uncoated corrugated cardboard		10,445.26		Paper	50.08lbs/unit	Tellus	5.22	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 4units/wk X 52.1428571428571 = 10445.2571428571 lb/yr
P2	5461-Retail Bakeries	Material exchange Wood pallets	1,668.57			Pallets	40lbs/unit/5	USEPA	0.83	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 4units/wk X 52.1428571428571 = 1668.57142857143 lb/yr
P3	5661-Shoe Stores	Recycling Other		-		Other	1lbs/unit		-	
P4	5999-Miscellaneous retail stores, n.e.c.	Recycling Other		-		Other	1lbs/unit		-	
P5	3900-Miscellaneous manufacturing industries	Recycling Uncoated corrugated cardboard		20,857.14		Paper	50lbs/unit	USEPA	10.43	(* OCC, stacked 1 cubic yard=50) X 50lbs/unit X 8units/wk X 52.1428571428571 = 20857.1428571429 lb/yr
P6	7389-Business services, n.e.c.	Recycling Other office paper		1,028.73		Paper	363.51lbs/unit	CIWMB De	0.51	(* High Grade Ledger w/o CPO loose 1 cubic yard=363.51) X 363.51lbs/unit X 2.83units/yr X 1 = 1028.7333 lb/yr
P6	7389-Business services, n.e.c.	Recycling Uncoated corrugated cardboard		652.83		Paper	50.08lbs/unit	Tellus	0.33	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 0.25units/wk X 52.1428571428571 = 652.828571428571 lb/yr
P6	7389-Business services, n.e.c.	Reuse Remainder/composite plastic	300.00			Plastic	2.5lbs/unit	USEPA	0.15	(* Toner cartridge each=2.5) X 2.5lbs/unit X 10units/mo X 12 = 300 lb/yr
P7	3900-Miscellaneous manufacturing industries	Recycling Other		-		Other	1lbs/unit		-	
Q1	3900-Miscellaneous manufacturing industries	Recycling Uncoated corrugated cardboard		2,294.29		Paper	2.2lbs/unit	USEPA	1.15	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 20units/wk X 52.1428571428571 = 2294.28571428571 lb/yr
Q1	3900-Miscellaneous manufacturing industries	Recycling Other office paper		782.14		Paper	8lbs/unit	USEPA	0.39	(* Shredded Paper 33 gallons=8) X 8lbs/unit X 1.875units/wk X 52.1428571428571 = 782.142857142857 lb/yr
Q2	-	Reuse Remainder/composite plastic	5.00			Plastic	2.5lbs/unit	USEPA	0.00	(* Toner cartridge each=2.5) X 2.5lbs/unit X 2units/yr X 1 = 5 lb/yr
R1	2600-Paper and allied products	Reuse Uncoated corrugated cardboard	1,147.14			Paper	2.2lbs/unit	USEPA	0.57	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 10units/wk X 52.1428571428571 = 1147.14285714286 lb/yr
R1	2600-Paper and allied products	Scavenging Uncoated corrugated cardboard		229.43		Paper	2.2lbs/unit	USEPA	0.11	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 2units/wk X 52.1428571428571 = 229.428571428571 lb/yr

Referen	SIC - Business Type	Activity Description	Source Reduction lbs	Recycling lbs	Composting lbs	Material Type	Conversion Factor	Source	Diversion Tons	Show Calculations
R2	5912-Drug Stores and Proprietary Stores	Source reduction Uncoated corrugated cardboard	12,618.57			Paper	1.1lbs/unit	USEPA	6.31	(* OCC, box, small 12"x12"x15" each=1.1) X 1.1lbs/unit X 220units/wk X 52.1428571428571 = 12618.5714285714 lb/yr
R2	5912-Drug Stores and Proprietary Stores	Material exchange Wood pallets	5,005.71			Pallets	40lbs/unit/5	USEPA	2.50	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 12units/wk X 52.1428571428571 = 5005.71428571429 lb/yr
R2	5912-Drug Stores and Proprietary Stores	Reuse Magazines and catalogs	1,200.00			Paper	1lbs/unit		0.60	(* Pounds=1) X 1lbs/unit X 100units/mo X 12 = 1200 lb/yr
R3	5812-Eating places	Recycling Other		-		Other	1lbs/unit		-	
S1	5900-Miscellaneous retail	Reuse Uncoated corrugated cardboard	573.57			Paper	2.2lbs/unit	USEPA	0.29	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 5units/wk X 52.1428571428571 = 573.571428571429 lb/yr
S2	5812-Eating places	Recycling Food		2,460.00		Organic	410lbs/unit	USEPA	1.23	(* Fats, solid/liquid (cooking oil) 55 gallon drum=410) X 410lbs/unit X 0.5units/mo X 12 = 2460 lb/yr
S3	3600-Electronic & other electric equipment	Reuse Remainder/composite plastic	60.00			Plastic	2.5lbs/unit	USEPA	0.03	(* Toner cartridge each=2.5) X 2.5lbs/unit X 2units/mo X 12 = 60 lb/yr
S4	3900-Miscellaneous manufacturing industries	Recycling Other		-		Other	1lbs/unit		-	
S5	7500-Auto repair, services, and parking	Recycling Other		-		Other	1lbs/unit		-	
S6	5541-Gasoline Service Stations	Recycling Uncoated corrugated cardboard		7,833.94		Paper	50.08lbs/unit	Tellus	3.92	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 3units/wk X 52.1428571428571 = 7833.94285714286 lb/yr
T1	5812-Eating places	Recycling Food		5,210.87		Organic	1595lbs/unit	UCLA /et	2.61	(* Fat, grease 1 cubic yard=1595) X 1595lbs/unit X 3.267units/yr X 1 = 5210.865 lb/yr
T1	5812-Eating places	Recycling Uncoated corrugated cardboard		803.00		Paper	2.2lbs/unit	USEPA	0.40	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 7units/wk X 52.1428571428571 = 803 lb/yr
T1	5812-Eating places	Recycling Durable plastic items		136.80		Plastic	1.9lbs/unit	USEPA	0.07	(* Plastic, bucket w/metal handle 5 gallons each=1.9) X 1.9lbs/unit X 6units/mo X 12 = 136.8 lb/yr
T2	8000-Health services	Recycling Other		-		Other	1lbs/unit		-	
T3	7300-Business services	Recycling Other office paper		86,400.00		Paper	1lbs/unit		43.20	(* Pounds=1) X 1lbs/unit X 86400units/yr X 1 = 86400 lb/yr
T4	5411-Grocery Stores	Recycling Uncoated corrugated cardboard		7,833.94		Paper	50.08lbs/unit	Tellus	3.92	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 3units/wk X 52.1428571428571 = 7833.94285714286 lb/yr
T4	5411-Grocery Stores	Material exchange Wood pallets	1,668.57			Pallets	40lbs/unit/5	USEPA	0.83	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 4units/wk X 52.1428571428571 = 1668.57142857143 lb/yr
T5	5993-Tobacco stores and stands	Recycling Other		-		Other	1lbs/unit		-	
T6	5943-Stationery stores	Reuse Uncoated corrugated cardboard	1,042.86			Paper	4lbs/unit	USEPA	0.52	(* OCC, box, large 48"x48"x60" each=4) X 4lbs/unit X 5units/wk X 52.1428571428571 = 1042.85714285714 lb/yr
T6	5943-Stationery stores	Reuse Uncoated corrugated cardboard	229.43			Paper	2.2lbs/unit	USEPA	0.11	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 2units/wk X 52.1428571428571 = 229.428571428571 lb/yr
T6	5943-Stationery stores	Reuse Uncoated corrugated cardboard	172.07			Paper	1.1lbs/unit	USEPA	0.09	(* OCC, box, small 12"x12"x15" each=1.1) X 1.1lbs/unit X 3units/wk X 52.1428571428571 = 172.071428571429 lb/yr
T6	5943-Stationery stores	Recycling Remainder/composite plastic		53.26		Plastic	6.27lbs/unit	Tellus	0.03	(* Styrofoam kernels 1 cubic yard=6.27) X 6.27lbs/unit X 8.495units/yr X 1 = 53.26365 lb/yr

Referent	SIC - Business Type	Activity Description	Source Reduction lbs	Recycling lbs	Composting lbs	Material Type	Conversion Factor	Source	Diversion Tons	Show Calculations
T7	5941-Sporting goods and bicycle shops	Recycling Other		-		Other	1lbs/unit		-	
T8	5800-Eating and drinking places	Recycling Uncoated corrugated cardboard		15,642.86		Paper	50lbs/unit	USEPA	7.82	(* OCC, stacked 1 cubic yard=50) X 50lbs/unit X 6units/wk X 52.1428571428571 = 15642.8571428571 lb/yr
T8	5800-Eating and drinking places	Recycling Food		2,235.00		Organic	7.45lbs/unit	USEPA	1.12	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 25units/mo X 12 = 2235 lb/yr
U1	7200-Personal services	Recycling Uncoated corrugated cardboard		1,147.14		Paper	2.2lbs/unit	USEPA	0.57	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 10units/wk X 52.1428571428571 = 1147.14285714286 lb/yr
U2	5000-Wholesale trade-durable goods	Recycling Wood pallets		12,514.29		Pallets	40lbs/unit	USEPA	6.26	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit X 6units/wk X 52.1428571428571 = 12514.2857142857 lb/yr
U2	5000-Wholesale trade-durable goods	Reuse Wood pallets	3,840.00			Pallets	40lbs/unit/5	USEPA	1.92	(* Pallet, wood versus plastic average 48" x 48" wood each=40) X 40lbs/unit/5 X 40units/mo X 12 = 3840 lb/yr
U2	5000-Wholesale trade-durable goods	Reuse Uncoated corrugated cardboard	2,294.29			Paper	2.2lbs/unit	USEPA	1.15	(* OCC, box, medium 24"x24"x30" each=2.2) X 2.2lbs/unit X 20units/wk X 52.1428571428571 = 2294.28571428571 lb/yr
U2	5000-Wholesale trade-durable goods	Reuse Office white ledger	1,599.74			Paper	0.0118lbs/unit	USEPA	0.80	( White Ledger Paper 1 sheet=0.0118) X 0.0118lbs/unit X 2600units/wk X 52.1428571428571 = 1599.74285714286 lb/yr
U2	5000-Wholesale trade-durable goods	Source reduction Office white ledger	30.76			Paper	0.0118lbs/unit	USEPA	0.02	( White Ledger Paper 1 sheet=0.0118) X 0.0118lbs/unit X 50units/wk X 52.1428571428571 = 30.7642857142857 lb/yr
U2	5000-Wholesale trade-durable goods	Source reduction Office white ledger	26.00			Paper	5lbs/unit	USEPA	0.01	(* White Ledger #20, 8.5" x 11" 1 ream (500 sheets)=5) X 5lbs/unit X 5.2units/yr X 1 = 26 lb/yr
U2	5000-Wholesale trade-durable goods	Reuse Remainder/composite plastic	7.50			Plastic	2.5lbs/unit	USEPA	0.00	(* Toner cartridge each=2.5) X 2.5lbs/unit X 3units/yr X 1 = 7.5 lb/yr
U2	5000-Wholesale trade-durable goods	Reuse Office white ledger	6.15			Paper	0.0118lbs/unit	USEPA	0.00	( White Ledger Paper 1 sheet=0.0118) X 0.0118lbs/unit X 10units/wk X 52.1428571428571 = 6.15285714285714 lb/yr
V1	7216-Drycleaning plants, except rug	Recycling Other office paper		608.15		Paper	363.51lbs/unit	CIWMB De	0.30	(* High Grade Ledger w/o CPO loose 1 cubic yard=363.51) X 363.51lbs/unit X 1.673units/yr X 1 = 608.15223 lb/yr
W1	3900-Miscellaneous manufacturing industries	Recycling Other non-ferrous metals new/expanded only		2,280,770.29		Metal	1093.52lbs/unit	Tellus	1,140.39	(* Copper, scrap 1 cubic yard=1093.52) X 1093.52lbs/unit X 40units/wk X 52.1428571428571 = 2280770.28571429 lb/yr
W1	3900-Miscellaneous manufacturing industries	Recycling Other non-ferrous metals new/expanded only		1,890,554.00		Metal	906.43lbs/unit	Tellus	945.28	(* Brass, scrap 1 cubic yard=906.43) X 906.43lbs/unit X 40units/wk X 52.1428571428571 = 1890554 lb/yr
W1	3900-Miscellaneous manufacturing industries	Recycling Other office paper		379,089.00		Paper	363.51lbs/unit	CIWMB De	189.54	(* High Grade Ledger w/o CPO loose 1 cubic yard=363.51) X 363.51lbs/unit X 20units/wk X 52.1428571428571 = 379089 lb/yr
W1	3900-Miscellaneous manufacturing industries	Recycling Uncoated corrugated cardboard		333,714.29		Paper	1lbs/unit		166.86	(* Pounds=1) X 1lbs/unit X 6400units/wk X 52.1428571428571 = 333714.285714286 lb/yr
W1	3900-Miscellaneous manufacturing industries	Recycling Remainder/composite organic		158,174.40		Organic	329.53lbs/unit	Tellus	79.09	(* Wood scrap, loose 1 cubic yard=329.53) X 329.53lbs/unit X 40units/mo X 12 = 158174.4 lb/yr
W1	3900-Miscellaneous manufacturing industries	Recycling Film plastic		150,838.86		Plastic	72.32lbs/unit	Tellus	75.42	(* LDPE Film plastics, semi-compacted 1 cubic yard=72.32) X 72.32lbs/unit X 40units/wk X 52.1428571428571 = 150838.857142857 lb/yr
W1	3900-Miscellaneous manufacturing industries	Recycling Remainder/composite plastic		37.50		Plastic	2.5lbs/unit	USEPA	0.02	(* Toner cartridge each=2.5) X 2.5lbs/unit X 15units/yr X 1 = 37.5 lb/yr

Referent	SIC - Business Type	Activity Description	Source Reduction lbs	Recycling lbs	Composting lbs	Material Type	Conversion Factor	Source	Diversion Tons	Show Calculations
W2	5812-Eating places	Recycling Uncoated corrugated cardboard		13,056.57		Paper	50.08lbs/unit	Tellus	6.53	(* OCC, flattened boxes, loose 1 cubic yard=50.08) X 50.08lbs/unit X 5units/wk X 52.1428571428571 = 13056.5714285714 lb/yr
W2	5812-Eating places	Recycling Food		4,470.00		Organic	7.45lbs/unit	USEPA	2.24	(* Fats, solid/liquid (cooking oil) 1 gallon=7.45) X 7.45lbs/unit X 50units/mo X 12 = 4470 lb/yr
			440,102.48	8,065,425.72	26,421.63					
			220.05	4,032.71	13.21					